

## Square footage form

PLEASE FILL OUT AND SUBMIT WITH BUILDING PLANS

GENERAL CONTRACTOR/OWNER NAME: \_\_\_\_\_

ADDRESS OF CONSTRUCTION: \_\_\_\_\_

### NEW DWELLINGS

1<sup>st</sup> Floor Square Footage \_\_\_\_\_

2<sup>nd</sup> Floor Square Footage \_\_\_\_\_

FINISHED Basement Sq Ftg \_\_\_\_\_

ATTACHED Garage Sq Ftg \_\_\_\_\_

Covered Porch(es) Sq Ftg \_\_\_\_\_

Covered Deck(s) Sq Ftg \_\_\_\_\_

Total Sq Ftg \_\_\_\_\_ (TOTAL OF COLUMN)

### ADDITIONS, GARAGES, ACCESSORY BUILDINGS, MISCELLANEOUS

1<sup>st</sup> Floor Square Footage \_\_\_\_\_

2<sup>nd</sup> Floor Square Footage \_\_\_\_\_

FINISHED Basement Sq Ftg \_\_\_\_\_

Total Sq Ftg \_\_\_\_\_ (TOTAL OF COLUMN)

## Residential Energy Efficiency Compliance Declaration Form

JOB SITE ADDRESS: \_\_\_\_\_

*Street Address & City/Township*

### 2013 Residential Code of Ohio (RCO) 1101.2 Compliance

Compliance shall be demonstrated by meeting the requirements of one of the following options:

1. The "International Energy Conservation Code" (IECC); or
2. 2013 RCO Sections 1101 through 1104, Prescriptive Method; or
3. 2013 RCO Section 1105 - "The Ohio Home Builder's Association (OHBA) Alternative Energy Code Option" The OHBA option is not available for additions and alterations

**Applicant shall indicate the energy compliance option below:**

**Check One Option below**

1. ☐ **2009 International Energy Conservation Code (IECC)**

Then check one of the following: NOTE: 2011 IECC 403.2.2: Duct leakage (tightness) testing & verification report required if air handler or ducts are not located within conditioned space.

- ☐ REScheck based on the 2009 IECC
- ☐ Prescriptive method based on 2009 IECC Table 402.1.1
- ☐ Prescriptive method based on U- Factor alternative 2009 IECC Section 402.1.3
- ☐ Prescriptive method based on Total UA alternative 2009 IECC Section 402.1.4
- ☐ Simulated performance alternative 2009 IECC Section 405

Then check one of the following: For building envelope air tightness and insulation installation.

- ☐ Testing option per IECC Section 402.4.2.1 Air leakage testing (blower door) - verification report required
- ☐ Visual inspection option per IECC Section 402.4.2.2 (third party inspection) - verification report required

2. ☐ **2013 RCO Sections 1101-1104, Prescriptive Method**

Note: RCO Section 1103.2.2: Duct leakage (tightness) testing & verification report required if air handler or ducts are not located within conditioned space.

Then check one of the following: (for building envelope air tightness and insulation installation).

- ☐ Testing option per RCO Section 1102.4.2.1 (blower door)
- ☐ Visual inspection option per RCO Section 1102.4.2.2 (third party inspection)

3. ☐ **2013 RCO Section 1105 "The Ohio Home Builder's Association (OHBA) Alternative Energy Code Option" \* The OHBA option is not available for additions and alterations**

\* Effective January 1, 2014

2013 RCO 1105.2.4.2.1: Air leakage testing (blower door) & verification report required.

2013 RCO 1105.3.2.2: Duct leakage (tightness) testing & verification report required.

Duct leakage (tightness) testing & verification report ~~are not~~ required if air handler or all ducts are located within conditioned space.

Then check one of the following:

- ☐ Compliance Path #1 \*
- ☐ Compliance Path #2 \*

# 2013 Residential Code of Ohio (RCO) Systems Description Form

Applicant/General Contractor: \_\_\_\_\_ Homeowner: \_\_\_\_\_

Office Phone # \_\_\_\_\_ Cell Phone # \_\_\_\_\_ Homeowner Phone # \_\_\_\_\_

Project Description: \_\_\_\_\_

Address of Project: \_\_\_\_\_ City/Township: \_\_\_\_\_

## Electrical System Description <sup>a,b</sup>

<u>Service Size (Amps)</u>	<u>Size of Service Entrance Conductors</u>	<u>Panel Location(s)</u>	<u>Number of Sub-Panels</u>	<u>Location</u>
<input type="checkbox"/> 100 Amp <input type="checkbox"/> 200 Amp <input type="checkbox"/> Over 200 Amp				<input type="checkbox"/> Overhead <input type="checkbox"/> Underground

a. Provide a detailed electrical diagram for services over 200 amps for review and approval (see electrical fee schedule).

b. Provide detailed electrical and gas piping diagrams for generator installations (see electrical fee schedule).

## HVAC System Description

<u>Heating Equipment Type, Size &amp; Efficiency</u>	<u>Design Heat Loss (Btu/h)</u>	<u>Type of Fuel</u>	<u>Location of Equipment</u>
<input type="checkbox"/> Forced Air    Btu/h _____ Eff. _____ <input type="checkbox"/> Boiler        Btu/h _____ Eff. _____ <input type="checkbox"/> Heat Pump    Btu/h _____ Eff. _____ <input type="checkbox"/> Electric       kW _____ Eff. _____ <input type="checkbox"/> Geothermal   kW (Btu/h) _____ Eff. _____		<input type="checkbox"/> Natural Gas <input type="checkbox"/> LP <input type="checkbox"/> Oil <input type="checkbox"/> Electric <input type="checkbox"/> Other _____	<input type="checkbox"/> Basement <input type="checkbox"/> Attic <input type="checkbox"/> Closet <input type="checkbox"/> Crawl Space <input type="checkbox"/> Outdoor

<u>Cooling Equipment Type, Size &amp; Efficiency</u>	<u>Design Heat Gain (Btu/h)</u>	<u>Location of Equipment</u>
<input type="checkbox"/> AC            Btu/h _____ Eff. _____ <input type="checkbox"/> Heat Pump   Btu/h _____ Eff. _____ <input type="checkbox"/> Geothermal   kW(Btu/h) _____ Eff. _____		<input type="checkbox"/> Outdoor <input type="checkbox"/> Other _____

<u>Area of Conditioned Space (sq. ft.)</u>	<u>Duct Size (Supply and Return)</u>

## Fuel Gas System Description

<u>Number of Fuel Gas Outlets</u>	<u>Size of Fuel Gas Main</u>	<u>Piping Materials</u>
		<input type="checkbox"/> Steel Pipe Sch. 40 <input type="checkbox"/> CSST <input type="checkbox"/> Other _____

## RESIDENTIAL FUEL PIPING PRESSURE ACCEPTANCE TEST CERTIFICATE

Test Certification shall be submitted to the ~~WALTON~~ <sup>WALTON</sup> Village Building Department PRIOR to final inspection (RCO 108.2.9). Any fuel piping systems regulated by the 2013 RCO will require the permit holder to complete this certificate in its entirety.

DATE OF TEST: \_\_\_\_\_

TIME OF TEST: \_\_\_\_\_

<u>PROPERTY OWNER</u>	<u>PIPING SYSTEM INSTALLER</u>
Name: _____	Company Name: _____
Address: _____	Address: _____
City/State/Zip Code: _____	City/State/Zip Code: _____
Telephone: _____	Representative: _____
Owner Contact: _____	State License #: _____
Telephone: _____	Telephone: _____
<u>TYPE OF FUEL - (NG) (LP) (OTHER) _____</u>	<u>PIPING SYSTEM MATERIAL(S)</u>
Test Medium: _____	(CHECK ALL THAT APPLY)
Working Pressure: _____	Steel Schedule 40: _____
Number of Fuel Outlets: _____	CSST: _____
Test Pressure: _____	Other: _____
Test Duration: _____	
Leak Test Performed?    YES    NO	
Piping system is bonded according to the 2013 RCO Section G2411 and if applicable the manufacture's installation requirements?    YES    NO	

I, hereby certify that the appropriate tests regarding the above system were performed in accordance with 2013 RCO Section G2417 code requirements and found to be compliant:

Date \_\_\_\_\_ (Sign Name) \_\_\_\_\_

(Print Name) \_\_\_\_\_